

**Work Order ID 64017**

November 23, 2010 7:49:32 AM



Page 1

Item ID: D4002-041

Accept



Setup Start



Revision ID:

Stop



Item Name: Aux Tank Drain Hose Assembly, Fwd

Start Date: 11/23/10 Start Qty: 4.00



Cust Item ID:

Required Date: 12/03/10 Req'd Qty: 4.00



Customer:

Reference:

Approvals: Process Plan: CL Date: 10/14/23 Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Run Start



QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Stop

Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

Draw Nbr

Revision Nbr

D4002

A

100

0.00



Purchasing

Memo

0.00

Purchasing

Issue P/O: 12977  
Purchase part as per Dwg D4002  
Part #:156001-3S-0105  
Possible Supplier: Aviall / API  
Material release note requiredCL 10/14/23 (4)

110

Receive &amp; Inspect for Damage &amp; Mat'l Certs

0.00



Packaging

Memo

0.00

Packaging

CL 11/24/10 (4)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

♦ **NOTE:** Date & initial all entries

**Work Order ID 64017**

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Page 2

Item ID: D4002-041

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Cust Item ID:

Required Date: 12/03/10 Req'd Qty: 4.00



Customer:

Reference:

Run Start



Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Stop



QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

120



QC

Quality Control

QC6- Inspect dimensions to drawing

0.00

Memo

0.00

8/10/12/02

(XU)

121



Small Fab

Small Fab

Memo

Assemble fitting, o-ring and valve as per dwg D4002

0.00

0.00

≡ 7 m/f

w/12/02

(4X)

122



QC

Quality Control

QC5- Inspect part completeness to step on W/O

0.00

Memo

0.00

8/10/12/03

(XU)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

• **NOTE:** Date & initial all entries

**Work Order ID 64017**

November 23, 2010 7:49:32 AM



Page 3

Item ID: D4002-041

Accept



Setup Start



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Stop



Item Name: Aux Tank Drain Hose Assembly, Fwd

Start Date: 11/23/10 Start Qty: 4.00



Cust Item ID:

Required Date: 12/03/10 Req'd Qty: 4.00



Customer:

Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Run Start



Stop

Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

130

Identify as per dwg & Stock Location: 193

0.00



Packaging

Memo

0.00

Packaging

10/12/342-14

140

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

10/12/07MF10-12-03

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

• **NOTE:** Date & initial all entries

# Picklist Print

November 23, 2010 7:49:32 AM

Page 1

Work Order ID: 64017

Parent Item: D4002-041

Parent Item Name: Aux Tank Drain Hose Assembly, Fwd

Start Date: 11/23/10

Required Date: 12/03/10

Start Qty: 4.00

Required Qty: 4.00

Comments: IPP rev A 10.01.21 new issue Prelim EC verified by:DD IPP rev B  
10.11.03 added MS29528-04 DD verified by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
156001-3S-0105 Hose Assembly		Purchased	No			100	Each	0.0000	1	4			
AN894D4-3 Fitting		Purchased	No			121	Each	9.0000	1	4			
MS29512-04 O-RING		Purchased	No			121	Each	9.0000	1	4			
MS29528-04 Fuel Drain Valve		Purchased	No			121	Each	0.0000	1	4			

B 64017

Location M11 6289 Loc Qty Loc Code

ST334 M11 6304 9

114988 9

M11 4988 121

Location Loc Qty Loc Code

ST294 9

115156 ✓ 9

M 116223

M 116211

m-l 10/12/02

m-l 10/12/02

1X

2X

1X

m-l 10/12/02

4X

m-l 10/12/02

3X

1X

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

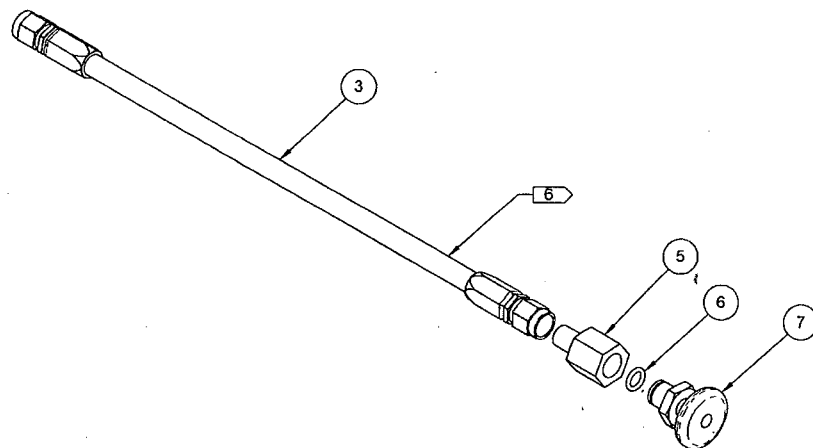
Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

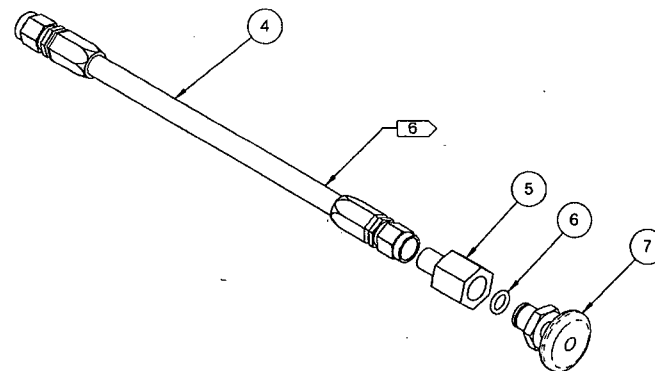
• **NOTE:** Date & initial all entries



ITEM NO.	QTY. -041	QTY. -043	PART NUMBER	DESCRIPTION	JOHN CAMERON AVIATION PART NUMBER
1	X		D4002-041	AUX TANK DRAIN HOSE ASSEMBLY, FWD	JCA-M47-1-13
2		X	D4002-043	AUX TANK DRAIN HOSE ASSEMBLY, AFT	JCA-M47-1-16
3	1		D4002-1	HOSE ASSEMBLY	
4		1	D4002-3	HOSE ASSEMBLY	
5	1	1	AN894D4-3	FITTING	
6	1	1	MS29512-04	O RING	
7	1	1	CCB4320	FUEL DRAIN VALVE (MS29528-4)	



**D4002-041 DRAIN HOSE - FRONT**



**D4002-043 DRAIN HOSE - REAR**

C21011123  
W10:64017

**RELEASED**  
2010-05-05  
JMA

**NOTES:**

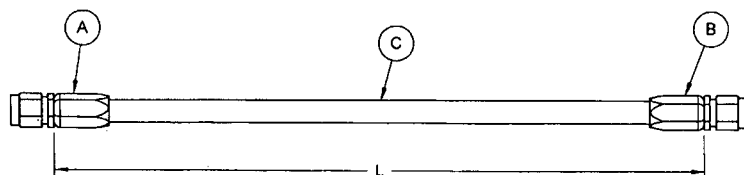
- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N AND B/N USING D2729-1 LABEL INSTALLED WITH D2182-045 HEAT SHRINK
- 7) WEIGHT: D4002-041 - 0.13 lbs  
D4002-043 - 0.12 lbs

A	NEW ISSUE		10.03.01
REV.	DESCRIPTION	BY	DATE
DESIGN			
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	10.03.01		

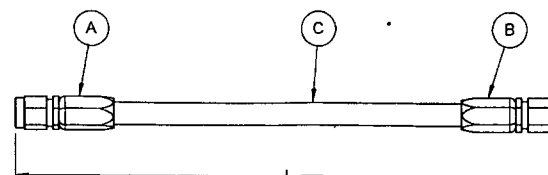
<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWING NO. <b>D4002</b>	REV. A
TITLE <b>HOSE ASSEMBLY</b>	SCALE NTS
COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD	

DART AEROSPACE PART NUMBER	JOHN CAMERON AVIATION PART NUMBER
D4002-1	REF JCA-M47-1-13
D4002-3	REF JCA-M47-1-16
D4002-5	JCA-M47-2-13
D4002-7	JCA-M47-2-25

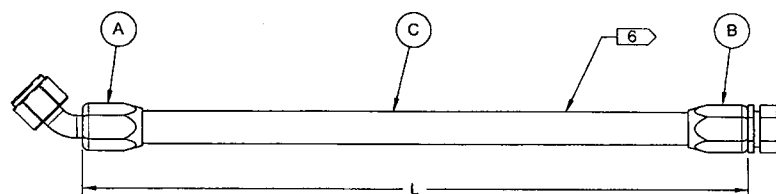
## SPECIFICATION CONTROL DRAWING



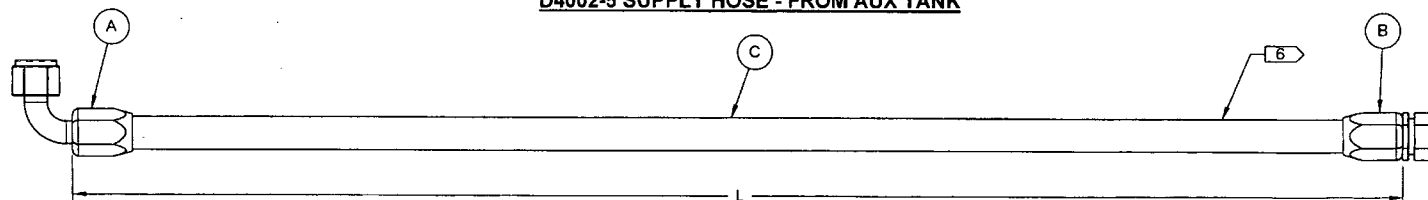
**D4002-1 HOSE ASSEMBLY**



**D4002-3 HOSE ASSEMBLY**



**D4002-5 SUPPLY HOSE - FROM AUX TANK**



**D4002-7 SUPPLY HOSE - PUMP TO MAIN TANK FILLER NECK**

**REFERENCE ONLY**

DART PART NUMBER	STRATOFLEX PART NUMBER	POSSIBLE VENDOR	LENGTH "L"	END FITTING "A"	END FITTING "B"	HOSE "C"	WEIGHT
D4002-1	156001-3S-0105	AVIALU/API	9.90	676-3S	676-3S	156-3	0.08 lbs
D4002-3	156001-3S-0074	AVIALU/API	6.76	676-3S	676-3S	156-3	0.07 lbs
D4002-5	156003-6D-0102	AVIALU/API	8.94	678-6D	676-6D	156-6	0.13 lbs
D4002-7	156005-6D-0213	AVIALU/API	20.31	680-6D	676-6D	156-6	0.19 lbs

**NOTES:**

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N AND B/N USING D2729-1 LABEL INSTALLED WITH D2182-045 HEAT SHRINK
- 7) WEIGHT: SEE TABLE

**RELEASED**  
2010-05-05

DESIGN		<b>DART AEROSPACE LTD</b>
DRAWN		HAWKESBURY, ONTARIO, CANADA
CHECKED		DRAWING NO. <b>D4002</b>
MFG. APPR.		REV. A
APPROVED		TITLE <b>HOSE ASSEMBLY</b>
DE APPR.		SCALE <b>NTS</b>
DATE	<b>10.03.01</b>	COPYRIGHT © 2010 BY DART AEROSPACE LTD

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Prospace

Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

Purchase Order # 10127

Purchase Order Date 11/23/10  
PO Print Date 11/23/10

Page Number 2 of 2

Order From :

VC-AVI001

AVIALL  
PO BOX 9534 STATION A  
TORONTO, ON M5W 2K3  
CA

Contact Name		Buyer	Chantal Lavoie
Vendor Phone	905 676 1695	Requisition Nbr	
Vendor Fax	905 676 9046	Tax Resale Nbr	10127-2607
Vendor Account Nbr		Terms	Net 30
		Currency	CAD
		FOB	Destination-Collect

156001-3S-0105

Hose Assembly

11/30/10  
Yes

4.00  
Each

FedEx PI collect

\$90.0400

\$360.16

Special Inst: AS ABOVE  
B64017  
AVIALL P/N: 156001-3S-0105

156001-3S-0074

Hose Assembly

11/30/10  
Yes

4.00  
Each

FedEx PI collect

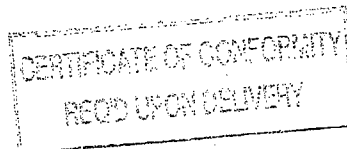
\$86.4700

\$345.88

Special Inst: AS ABOVE  
B64018  
AVIALL P/N: 156001-3S-0074

PO Total:

\$1,709.91



No substitution or deviation without consent.  
Certificate of Conformity or Material Certification required when applicable

Change Nbr: 1

Change Date: 11/23/10



## PACKING LIST



PAGE: 1

DATE: 11/30/10

TIME/HEURE: 09:51

EMP#: 22611

CUSTOMER P.O.: 12977  
BON DE COMMANDEORDER NUMBER: 0000948648- 279261  
No DE COMMANDEORDER DATE: 11/23/10  
DATE DE COMMANDESHIP NBR: 279261  
No DE EXPEDITEUR

ORDER TYPE / TYPE DE COMMANDE: RG

CURRENCY: CAN

SHIP VIA: FED PLAM - COLLECT  
EXPEDIER PAR

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006166  
DART AEROSPACE LTD  
1270 ABERDEEN STREET  
HAWKESBURY ON K6A 1K7  
CANADA

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DART AEROSPACE LTD  
1270 ABERDEEN STREET  
HAWKESBURY ON K6A 1K7  
CANADA

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34170  
AVIALL TORONTO CSC  
1840 ALSTEP DR. UNIT 5.  
MISSISSAUGA ON L5S 1W1  
CANADA

LINE	MFG	ITEM DESCRIPTION	ORDER QUANTITY QUANTITE COMMANDE	SHIP QUANTITY QUANTITE EXPEDIEE	BACK ORDER COMM. EN SOUF	UOM	LIST PRICE	CUSTOMER PRICE	EXTENDED CUSTOMER PRICE
------	-----	---------------------	--	---------------------------------------	-----------------------------	-----	------------	----------------	----------------------------

PLEASE SHIP FEDEX P1 ON CUSTOMER ACCOUNT  
NUMBER 1517-9324-0, AWB# MUST REFERENCE  
THE PURCHASE ORDER NUMBER

3	1S	156001-3S0105 HOSE ASSEMBLY: RUBBER MED PRES	4	4		0 EA	90.04	90.0400	360.16
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REF:

HAZ NR  
Schedule B: 4009220050  
Country of Origin: U.S.A.

ECCN: 9A991

LOT 51227724 EA

4	1S	156001-3S0074 HOSE ASSEMBLY: RUBBER MED PRES	4	4		0 EA	86.47	86.4700	345.88
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REF:

HAZ NR  
Schedule B: 4009220050  
Country of Origin: U.S.A.

ECCN: 9A991

LOT 51227723 EA

5	1S	156003-6D0102 HOSE ASSEMBLY: RUBBER MED PRES	4	4		0 EA	107.57	107.5700	430.28
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REF:

HAZ NR

## CERTIFICATE OF CONFORMANCE / CERTIFICAT DE CONFORMITE

I hereby certify that the aircraft parts, appliances and/or aircraft materials described hereon were acquired from a source of supply that is consistent with the conditions under which the department of transport distributor approval number 35-86 has been granted.  
Je certifie par la presente que les pieces appareils et/ou materiaux d'avions decrits ci-dessus ont ete acquis d'une source d'approvisionnement consistante avec les conditions sous lesquelles l'approbation du distributeur du departement du transport no. 35-86 ont ete recue.

Signed

Date

11/30/10

DISCOUNT TERMS APPLY ONLY TO SUB TOTAL.  
ESCOMPTE APPLIQUES SUR SOUS TOTAL SEULEMENT.  
ALL RETURNED MERCHANDISE SUBJECT TO A HANDLING FEE.  
FRAIS DE MANUTENTION APPLIQUES SUR TOUTE MARCHANDISE  
RETOURNEE.

CUSTOMER COPY / FILE COPY